

**REMARKS**

Upon entry of the foregoing amendment, claims 1-8, 10-17, 19, 21-27 and 30-33 are pending in this patent application with claims 1, 8 and 21 being the independent claims. Claim 9 was previously canceled and claims 18 and 20 hereby canceled.

Based on the amendment and following remarks, Applicant respectfully requests that the Examiner reconsider all outstanding objections and rejections and that they be withdrawn. Applicant provides the foregoing amendment in compliance with the Examiner's indication of allowable subject matter and, therefore, asserts that its entry after final is proper.

**Allowable Subject Matter**

Applicant appreciates the Examiners indication of allowable subject matter. The Examiner has indicated that claim 1 would be allowable if amended to recite that the transducer converts mechanical vibration to an electrical signal and that the movement between the magnet and housing includes both linear and rotational motion. Claim 1, as amended, recites a transducer including a magnet and housing that are configured so that the magnet moves relative to the coil both linearly and rotationally thereby converting mechanical vibration to an electrical signal. Claims 2-7, 32 and 33 depend from and include all of the features of claim 1 and, for at least the same reasons, are patentable.

The Examiner also indicated that claim 8 would be allowable if the claim were amended to recite that the transducer is configured to convert mechanical vibration to an electrical signal. Claim 8 has been amended accordingly. Claims 10-17 depend from and include all of the features of claim 8 and, for at least the same reasons, are patentable.

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10-01-07